Autonomous Defense Node (ADN) – Code Blueprint v1

1. Files

adn_core.py — main defense engine, loop, logic.

2. Modules

- Data Models

- Collectors

- DQSNet Interface

- Sentinel Interface

- Defense Logic

- Execution Layer

3. System Flow (Text Diagram)

Node Metrics $\rightarrow$ Sentinel Risk $\rightarrow$ DQSN Risk $\rightarrow$ Fusion Engine $\rightarrow$ Defense Score $\rightarrow$ Action Executor

4. Future Components

- Mesh coordination

- PQC emergency executor

- Node hardening toolkit